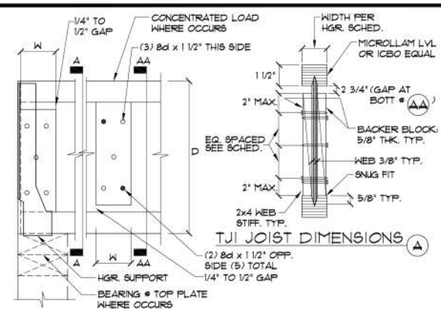
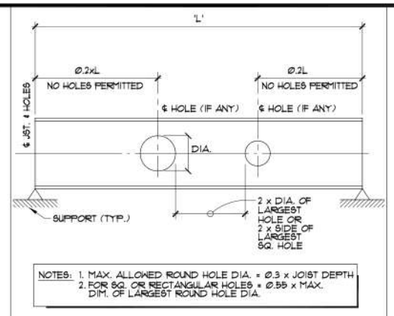


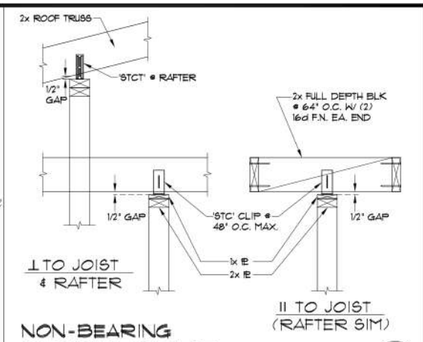
TYP. WEB STIFFENER @ TRUSS SUPPORT OR CONC. LOAD

17



TYP. HOLES @ PRE-FAB JOIST

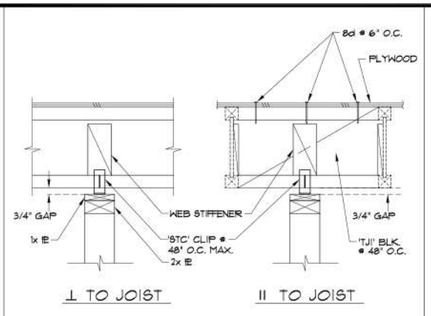
13



NON-BEARING PARTITION BRACE

SCALE: 1"=1'-0"

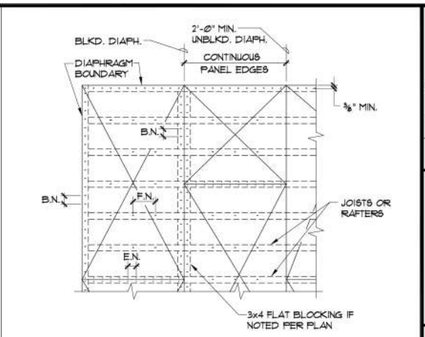
9



NON-BEARING PARTITION BRACE @ I-JOIST

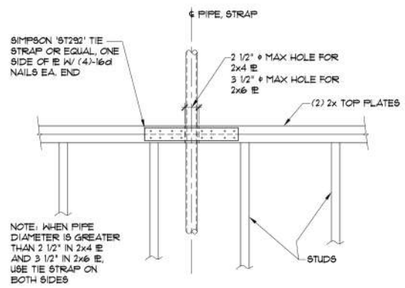
SCALE: 1 1/2"=1'-0"

5



HORIZONTAL DIAPHRAGM NAILING

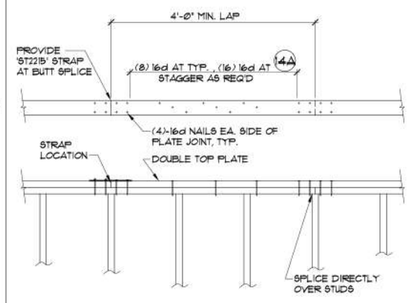
1



WALL TOP @ SPLICE FOR HOLE DIA. > 1/3 THE @ WIDTH

SCALE: 1"=1'-0"

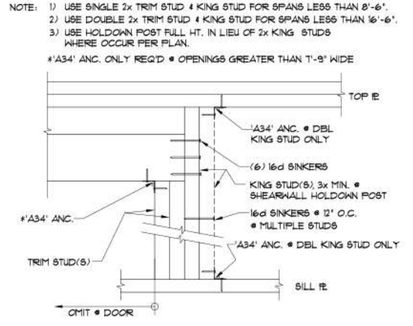
18



WALL TOP @ LAP

SCALE: 3/4"=1'-0"

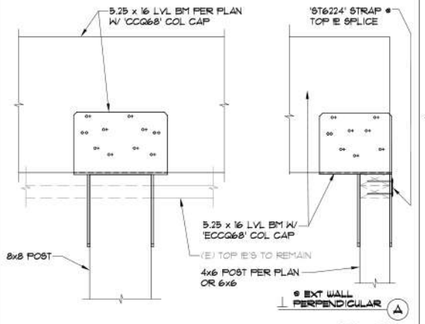
14 14A



TYP. HEADER/ KINGSTUD ASSEMBLY

SCALE: 1"=1'-0"

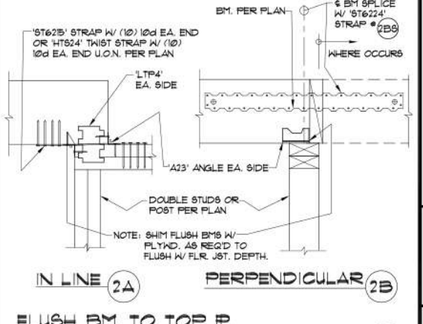
10



BEAM TO POST W/ COL CAP

SCALE: 1 1/2"=1'-0"

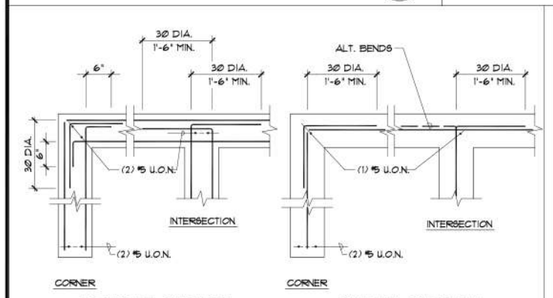
6 6A



FLUSH BM. TO TOP @ CONNECTION

SCALE: 1 1/2"=1'-0"

2

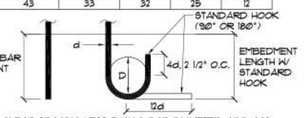


CONCRETE WALL OR FOOTING INTERSECTIONS

19

REINFORCEMENT LAP SPLICE AND EMBEDMENT LENGTH - CLASS A						
BAR SIZE	BAR SPACING	** MIN. LAP LENGTH (IN.)		** MIN. EMBED. LENGTH (IN.)		
				STRAIGHT BARS		
		TOP BARS	OTHER BARS	TOP BARS	OTHER BARS	W/ STD. HOOK
REQUIREMENTS FOR SLABS AND WALLS						
#3	6" TO 12"	22	17	16	12	6
#4		29	22	22	16	8
#5		36	28	27	21	10
#6		43	33	32	25	12

f'_c = 3,000 PSI
F_y = 60,000 PSI



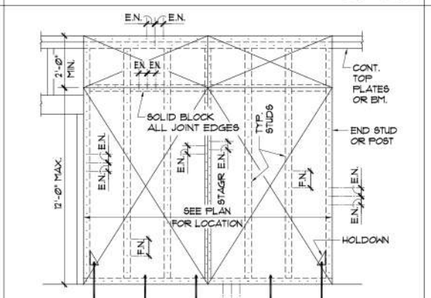
** FOR BAR CLEAR SPACING LESS THAN 3 BAR DIAMETER, ADD 40%
FOR BAR CLEAR SPACING LESS THAN 2 BAR DIAMETER, ADD 100%

NOTES:
1. MIN. LAP ALL BARS CLASS 'B' UNLESS OTHERWISE NOTED.
2. STAGGER LAP OF HORIZONTAL WALL BARS.
3. TOP BARS ARE HORIZONTAL BARS W/ MORE THAN 12" DEPTH OF CONCRETE CAST BELOW THE REINFORCEMENT. MULTIPLE HORIZONTAL BARS IN A SINGLE VERTICAL PLAN SUCH AS COLUMN TIES OR HORIZONTAL BARS IN WALLS ARE NOT TOP BARS.

REBAR SPLICE (CLASS 'B') & EMBEDMENT

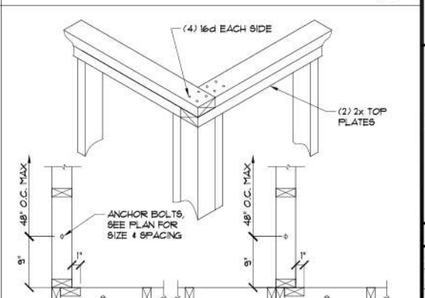
FOR GRADE 60 REINF. & 3,000 PSI CONC.

11



PLYWD. SHEAR WALL APPLIED DIRECTLY TO STUDS

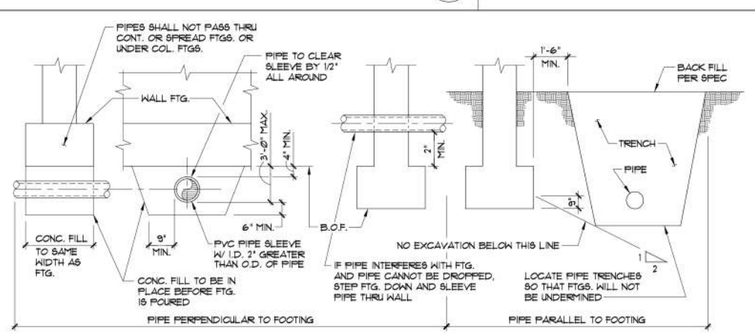
7



STUD WALL CORNERS & BOLTS

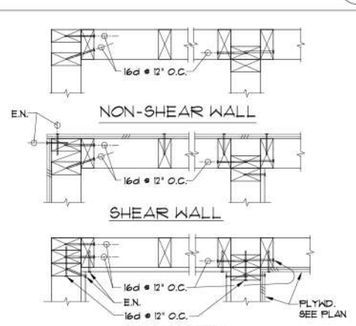
SCALE: 1 1/2"=1'-0"

3



PIPE AT WALL FOOTING

16



STUD WALL INTERSECTION

8

Revisions:

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Project Name:
AGUILAR
ROOM ADDITION

Owner:

Designer:
MAR-Co.
HOUSE PLANS & DESIGNS
PLANS-DRAFTING-DESIGNS-3D-BUILDING PERMITS
MARCO A. LAUREANO
WWW.MARCOHOUSEPLANS.COM
760-805-2358
706-941-2678
LICENSE: 16964
www.marcohouseplans.com

Job No:	16-235
date drawn:	DEC.2016
date issued:	JAN.25.2017
project engineer:	AK
drawn by:	RJB
checked by:	RMG
scale:	1 1/2"=1'-0"

drawing status:
(NOT FOR CONSTRUCTION)
- ☐ INFORMATION DWGS.
- ☐ PRELIMINARY DWGS.
- ☐ DESIGN DEVELOPMENT DWGS.
- ☐ CHECK SET
- ☐ PROGRESS DRAWINGS
- ■ PLAN CHECK DRAWINGS

- ☐ BID SET DRAWINGS
- ☐ CONSTRUCTION DOCUMENTS
- ☐ OTHER_____

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sheet title:
TRELLIS FRAMING & TYPICAL DETAILS

sheet no:
S-2